

<b>Name:</b>	<i><b>Disaster and Fire Defense Planning</b></i>
<b>Course Description:</b>	This course examines concepts and principles of community risk assessment, planning, and response to fires and natural disasters, including the Incident Command System (ICS), mutual aid and automatic response, training and preparedness, communications, civil disturbances, natural disasters, hazardous materials planning, mass casualty disasters, earthquake preparedness, and disaster recovery.
<b>Objectives:</b>	<p><b>Unit 1: Introduction</b></p> <p>By the end of this unit, you will be able to:</p> <ul style="list-style-type: none"> <li>• provide the generic and technical meanings of disaster and emergency;</li> <li>• list the types of disasters and their similarities and differences;</li> <li>• discuss the importance of disaster planning;</li> <li>• differentiate between human-caused and technological hazards, natural hazards, and domestic security threats;</li> <li>• identify the distinguishing characteristics of hazards, emergencies, and disasters;</li> <li>• discuss the provisions of the Robert T. Stafford Disaster Relief and Emergency Assistance Act as they relate to the Federal Response Plan (FRP) for local and State emergencies; and</li> <li>• discuss the availability of outside resources: local, State, Federal, and private.</li> </ul> <p><b>Unit 2: Preparing to Plan</b></p> <p>By the end of this unit, you will be able to:</p> <ul style="list-style-type: none"> <li>• describe the concept of CEM;</li> <li>• describe the origins of the FEMA;</li> <li>• describe the IEMS concept;</li> <li>• describe the four phases of IEMS: preparedness, response and recovery, and mitigation;</li> <li>• describe the hazard assessment process;</li> <li>• define the purpose of capability assessment;</li> <li>• define the concepts of mutual aid and automatic aid;</li> <li>• identify the personnel and agencies that play a role in formulating an EOP; and</li> <li>• describe the fire department's leadership role in integrated community disaster planning.</li> </ul> <p><b>Unit 3: Developing an Emergency Operations Plan</b></p> <p>By the end of this unit, you will be able to:</p> <ul style="list-style-type: none"> <li>• list four problems that confront fire chiefs in the development of Emergency Operations Plans (EOP's);</li> <li>• explain why a team approach to disaster planning is recommended;</li> <li>• describe the steps in preparing a written EOP;</li> <li>• describe the purpose and components of the EOP Basic Plan;</li> <li>• describe how an EOP resource inventory supports the plan; and</li> <li>• discuss the planning issues that are common to the development of most EOP's.</li> </ul>

<b>Objectives:</b>	<b>Unit 4: Functional Annexes and Hazard-Specific Appendices</b>
	<p>By the end of this unit, you will be able to:</p> <ul style="list-style-type: none"> <li>• identify multiagency responsibilities in disaster response;</li> <li>• describe how functional annexes and hazard-specific appendices support the overall emergency management plan;</li> <li>• explain the difference in required responses for different types of hazards;</li> <li>• list examples of each hazard type;</li> <li>• identify the unique planning issues for each hazard type;</li> <li>• discuss the impact on the community of each hazard type; and</li> <li>• discuss how mass casualty affects a community's disaster plan.</li> </ul>
	<b>Unit 5: Managing the Disaster: Incident Command</b>
	<p>By the end of this unit, you will be able to:</p> <ul style="list-style-type: none"> <li>• explain the background and development of ICS;</li> <li>• describe and explain the principles and features of ICS;</li> <li>• explain how an ICS incident organization expands or contracts to meet operational needs of the incident or event;</li> <li>• describe the use of branches, divisions, and groups within the Operations Section, and provide the supervisory titles associated with each level;</li> <li>• discuss the advantages of Unified Command and the kinds of situations that may call for a Unified Command organization;</li> <li>• identify the primary features of a Unified Command organization;</li> <li>• define Area Command;</li> <li>• describe the principal advantages of using Area Command;</li> <li>• describe how, when, and where Area Command would be established;</li> <li>• describe an Area Command organization;</li> <li>• describe the kinds of incident management problems that the lack of multiagency coordination can create;</li> <li>• identify the levels at which multiagency coordination commonly is accomplished;</li> <li>• identify primary components of a multiagency coordination system;</li> <li>• identify essential differences between Area Command, multiagency coordination, and Emergency Operations Centers (EOC's); and</li> <li>• discuss the responsibilities of a multiagency coordination group.</li> </ul>
	<b>Unit 6: Communications</b>
	<p>By the end of this unit, you will be able to:</p> <ul style="list-style-type: none"> <li>• identify communications issues regarding the levels of people in local, State, and Federal agencies that will respond in times of disaster;</li> <li>• describe the modes of communications that can be used during major emergencies and the individuals who need to share information;</li> <li>• discuss the communications needs of each organizational level;</li> <li>• list the communications modes available to emergency response agencies during major emergencies;</li> <li>• explain the different uses of computers during major emergencies;</li> <li>• identify the most common types of communications problems that develop during major emergencies; and</li> <li>• describe alternative/redundant communications systems in the event of system failure.</li> </ul>

<b>Objectives:</b>	<b>Unit 7: Evaluating the Plan</b>
	<p>By the end of this unit, you will be able to:</p> <ul style="list-style-type: none"> <li>• identify the types of disaster exercises;</li> <li>• describe how exercises can be used to evaluate fire department plans and procedures;</li> <li>• identify the steps in an exercise design process; and</li> <li>• describe the disaster training capabilities that should exist within a fire department, especially as they relate to exercising the emergency operations plan.</li> </ul>
	<b>Unit 8: Aftermath and Recovery</b>
	<p>By the end of this unit, you will be able to:</p> <ul style="list-style-type: none"> <li>• identify the four phases of a disaster and describe the partnerships among the Federal, State, and local governments in each of the four phases;</li> <li>• discuss several forms of Federal assistance and explain the terms and conditions under which Federal disaster relief may be made available;</li> <li>• describe the sequence of events through which a Presidential disaster may be declared;</li> <li>• identify the stages of the damage assessment process and the reporting requirements following a disaster;</li> <li>• define and describe the roles and responsibilities of key State and Federal personnel in responding to a declared major disaster;</li> <li>• discuss the various Federal, State, and local assistance programs available to disaster victims during the recovery phase;</li> <li>• describe the operations of the National Teleregistration Center (NTC), the National Processing Service Center, and the Disaster Recovery Center (DRC) during recovery operations;</li> <li>• identify some typical responses that may be anticipated in disaster survivors and workers;</li> <li>• discuss the capabilities of and methods for accessing the crisis counseling and stress management programs during disaster response and recovery operations;</li> <li>• identify Federal assistance programs available to supplement State and local governments recovering from a major disaster;</li> <li>• explain the concepts of mitigation and recovery as related to natural and technological hazard events;</li> <li>• describe the interrelationships between mitigation and recovery phases;</li> <li>• list the do's and don'ts of dealing effectively with the media during and following a disaster;</li> <li>• describe the role and responsibilities of the Public Affairs Officer (PAO) during a disaster; and</li> <li>• discuss the purposes of the community relations program during recovery operations and explain how a community relations program is organized and staffed.</li> </ul>

<b>Required Texts:</b>	<i>Disaster and Fire Defense Planning Course Guide</i> , National Fire Academy <i>ICS Self-Study CD-ROM</i> , U. S. Fire Administration	
<b>Supporting References/ Research for Faculty and Students</b>	<p><b>U. S. Fire Administration</b>  Publications: <a href="http://www.usfa.fema.gov/applications/publications/pubs_main.cfm">http://www.usfa.fema.gov/applications/publications/pubs_main.cfm</a>  See Fire Protection, Fire Administration, Fire Service Operations, Wildfire  Applied Research:  <a href="http://www.usfa.fema.gov/dhtml/inside-usfa/research.cfm">http://www.usfa.fema.gov/dhtml/inside-usfa/research.cfm</a>  Research Reports:  <a href="http://www.usfa.fema.gov/dhtml/inside-usfa/r_reports.cfm">http://www.usfa.fema.gov/dhtml/inside-usfa/r_reports.cfm</a>  Technical Reports:  <a href="http://www.usfa.fema.gov/applications/publications/techreps.cfm">http://www.usfa.fema.gov/applications/publications/techreps.cfm</a>  Topical Fire Research Series:  <a href="http://www.usfa.fema.gov/dhtml/inside-usfa/tfrs.cfm">http://www.usfa.fema.gov/dhtml/inside-usfa/tfrs.cfm</a>  Learning Resource Center:  <a href="http://www.usfa.fema.gov/dhtml/inside-usfa/lrc.cfm">http://www.usfa.fema.gov/dhtml/inside-usfa/lrc.cfm</a>  <b>National Institute for Standards and Technology</b>  <a href="http://www.fire.nist.gov">http://www.fire.nist.gov</a>: Fire Tests/Data, Software/Models, Publications, FIREDOC (under Publications)  <b>References</b>  <a href="http://www.fema.gov/">http://www.fema.gov/</a>  <a href="http://www.dhs.gov/dhspublic/">http://www.dhs.gov/dhspublic/</a>  <b>Current Events/News</b>  <a href="http://www.firehouse.com/">http://www.firehouse.com/</a>  <a href="http://www.fireengineering.com/">http://www.fireengineering.com/</a>  <a href="http://www.withthecommand.com/">http://www.withthecommand.com/</a></p>	
<b>Assessment:</b>	Students will be evaluated for mastery of learning objectives by methods of evaluation to be determined by the instructor.	
<b>NFPA Standards Addressed:</b>	<b>Unit(s)</b>	<b>Description</b>
1021-4-6.1	2, 3	Prepare an action plan
1021-5-6.1	2, 3	Develop a comprehensive disaster plan
1021-5-6.2	2, 3	Develop a comprehensive plan for civil disturbances
<b>Chief Fire Officer Designation Competencies Addressed:</b>	<a href="http://www.cfainet.org">www.cfainet.org</a> This course provides partial fulfillment of CFOD: Competency #19 Emergency Management	
<b>Point of Contact:</b>	Edward Kaplan, United States Fire Administration (301) 447-1127, <a href="mailto:ed.kaplan@fema.gov">ed.kaplan@fema.gov</a>	